

Notice of Allowability

Application No.

10/743,900

Applicant(s)

PARK, JOON-KYU

Examiner

DUC Q. DINH

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/16/07.
2. ☒ The allowed claim(s) is/are 1, 2, 4-6, 8, 9, 11-18.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
- ☒ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material


5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____


DUC Q. DINH
Primary Examiner
Art Unit: 2629

DETAILED ACTION

1. This Office Action is responsive to the Applicant's Amendment filed on November 16, 2007. Claims 1-2, 4-6, 8-9 and 11-18 are currently pending in the Application.

Allowable Subject Matter

2. Claims 1-2, 4-6, 8-9 and 11-18 allowed, and renumbered as 1-15

Reason for allowance

3. The following is an examiner's statement of reasons for allowance: the present invention related to a method and an apparatus to drive an organic electroluminescent display device that control the voltage power provide to a driving transistor of the display to increase the uniformity of the motion image. The closest prior art of Miyazawa (U.S Patent No. 6,858,991) shows a similar system which also having a driving circuit that control the voltage supplied to the driving transistor of the electroluminescent display. However, Miyazawa fails to discloses, inter alia;

In reference to claim 1,

a power control driver supplying a power voltage to a source terminal of the first driving thin film transistor through the power line, the power voltage having an On value during an emitting time section of a single frame and an Off value during a rest time section of the single frame, wherein the first driving thin film transistor is turned on when the On value and the Off value are applied to the organic electroluminescent diode during the emitting time section and the rest time section, respectively.

In reference to claim 6,

a power control driver supplying a power voltage to the power line, the power voltage having an On value during an emitting time section of a single frame and a-second an Off value

during a rest time section of the single frame, wherein the driving thin film transistor is turned on when the On value and the Off value are applied to the organic electroluminescent diode during the emitting time section and the rest time section, respectively.

In reference to claim 13,

applying an On value of a power voltage through a source terminal of the driving transistor to an organic electroluminescent diode that is connected to a drain terminal of the driving transistor during an emitting time section of a single frame;

applying a second an Off value of the power voltage through the source terminal of the driving transistor to the organic electroluminescent diode during a rest time section of the single frame,

wherein the driving thin film transistor is turned on when the On value and the Off value are applied to the organic electroluminescent diode during the emitting time section and the rest time section, respectively.

This distinct feature has been added to independent claims and renders them allowable.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


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Any inquiry concerning this communication or earlier communications from the examiner should be directed to DUC Q. DINH whose telephone number is (571) 272-7686. The examiner can normally be reached on Mon-Fri from 8:00.AM-4:00.PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, RICHARD HJERPE can be reached on (571)272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



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